

M 4.0, 25km S of Port Hueneme, CA

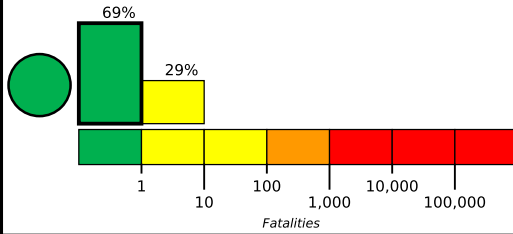
Origin Time: 2020-01-02 10:12:59 UTC (Thu 02:12:59 local)

Location: 33.9205° N 119.2240° W Depth: 0.1 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

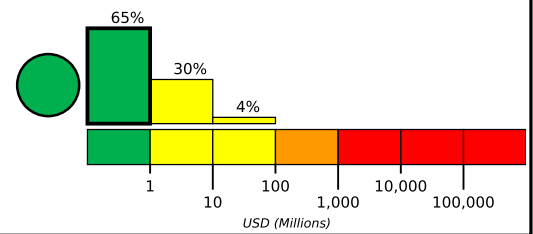
Created: 4 hours, 53 minutes after earthquake

Estimated Fatalities



Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

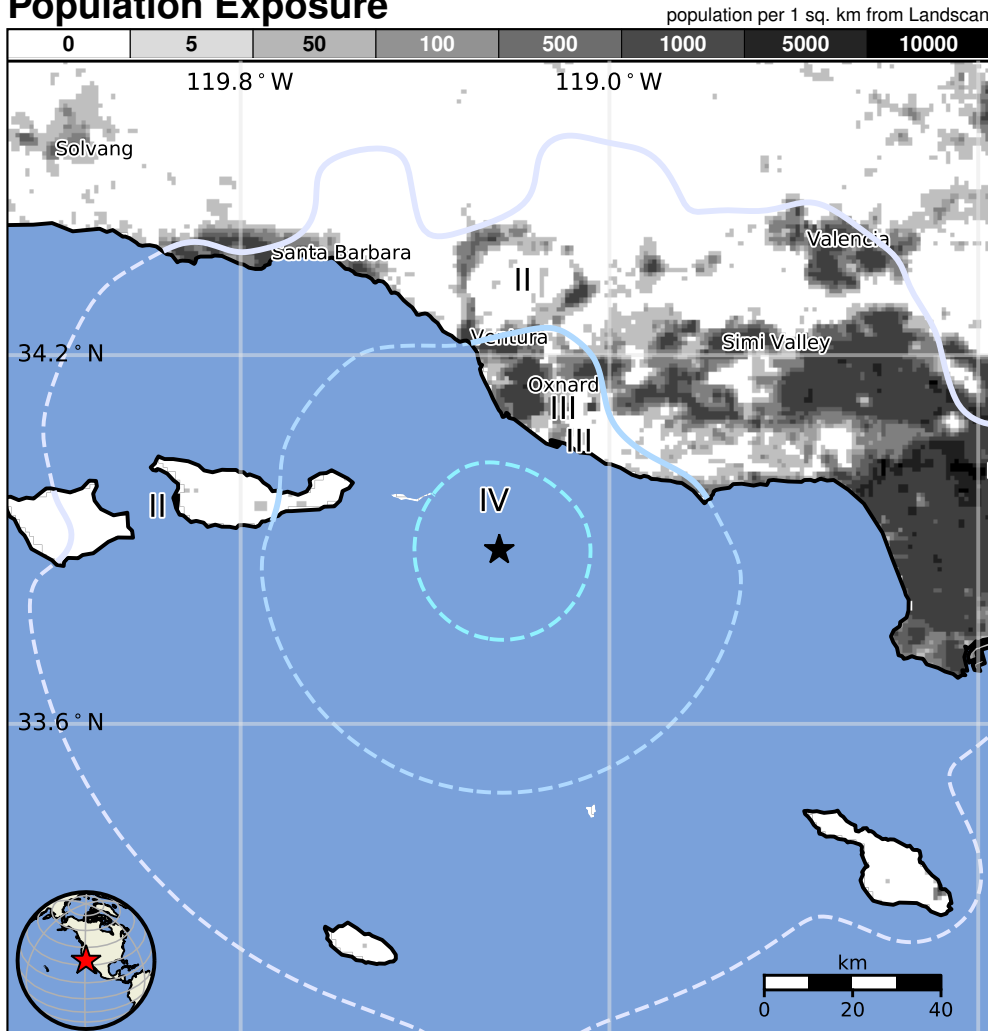


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		595k*	10,455k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are highly resistant to earthquake shaking, though some vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1991-06-28	117	5.6	VI(1,267k)	1
2003-12-22	253	6.6	VI(8k)	2
1971-02-09	93	6.6	IX(21k)	65

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Channel Islands Beach	3k
III	Port Hueneme	22k
III	Oxnard Shores	187k
III	Oxnard	198k
III	El Rio	7k
III	Saticoy	1k
II	Long Beach	462k
II	Huntington Beach	190k
II	Los Angeles	3,793k
II	North Glendale	203k
II	Glendale	192k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/ci39020663#pager>

bold cities appear on map.

(k = x1000)

Event ID: ci39020663